

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON 7, ALBERTA

DECEMBER 2, 1971

AASUA TO APPLY FOR CKUA LICENCE

BURKE M. BARKER, Associate Professor of Law and President of the Association of the Academic Staff of The University of Alberta (AASUA), announced Monday that the AASUA plans to make a formal bid for the broadcasting licence of radio station CKUA.

The licence, presently held by the University, will not be renewed when it expires March 31, 1972. The station is operated by Alberta Government Telephones.

"Provinces and their agents, which includes The University of Alberta, are not eligible to hold broadcasting licences," said Professor Barker. "It became evident in early November that a solution to it (the licensing of CKUA) had not been found, so it occurred to the AASUA that we could try to acquire the licence because we are independent of the University.

"If the University Board of Governors and the provincial government would agree in principle, and if the provincial government would provide the operating funds as in the past, I feel we would have a solution to this problem."

He said that during a recent visit to Ottawa he picked up the necessary application forms for the licence and spoke to officials about the AASUA plans.

"I received the impression that the officials would be very pleased to see us get the licence," he said.

Professor Barker said the AASUA is "an established organization, and we have within our ranks people who have been associated with CKUA for some time. Thus we are the most sympathetic group, and we're organized and ready to move."

He added that the AASUA is broadly representative of the academic community in Canada, and that members of the AASUA "feel strongly enough about it that they may be willing to make a contribution to the operating costs. If each of the approximately 1,500 members contributed one dollar each month, that would come to \$18,000 a year. It would be modest, but there is no other group that would do that."

The 1971-72 budget for CKUA was approximately \$250,000.

He said that initially the CKUA Board of Directors would be comprised only of AASUA members, but if community groups wanted



"Rain, Nova Scotia," is one of several water colors by MURRAY MAC DONALD, Visiting Professor of Elementary Education, now being shown in the staff lounge, ninth floor, Education Centre. Mr. MacDonald, who is a native of Cape Breton Island, has spent most of his life in Alberta as painter and educator. He taught in rural schools in Northern Alberta, was principal of the University's old Demonstration School, and was Supervisor of Art Education for the Edmonton Public School Board before joining the faculty. The exhibition and sale includes subjects from Canada and the Orient, and continues until December 10.

representation he saw no reason why something couldn't be worked out in future years.

Professor Barker pointed out that the AASUA has no desire to change the programming of CKUA in any way, adding, "It is an effort to ensure that CKUA stays on the air—no more, no less.

"I am quite confident that our proposal will be placed before the Secretary of State and that we will get the licence."

J. W. HAGERMAN, General Manager of CKUA, said he was pleased with the AASUA plans and hopes that some method of continuing operation can be found.

J. C. MEIER 1922-1971

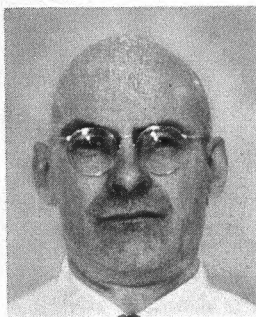
JAMES CHARLES MEIER, former Plant Maintenance Engineer at The University of Alberta, died November 24 at the age of 49.

Mr. Meier came to the University in 1967 from the Department of Public Works where he had been Chief Mechanical Engineer.

From 1942 to 1946 and from 1951 to 1956, he served as base and aircraft engineer in the United States Army Air Force. In 1956 he accepted the position with the Department of Public Works. As an employee of the

Department Mr. Meier played an active part in the planning of the mechanical systems in the Biological Sciences Centre at the University. He was also a member of the Northern Alberta Institute of Technology advisory committee on Air Conditioning curriculum.

Memberships in professional organizations



included the American Society of Heating, Refrigerating, and Air-Conditioning Engineers; the Association of Electronic Reserve Officers; and the Association of Professional Engineers of Alberta.

BOOK AWARDS FOR HISTORY STUDENTS

The Consul General of Japan in Edmonton, SHIGEO SHIGEHARA, presented book awards in the Department of History to students excelling in Japanese language. IAN FERGUSON, President of the History Club, accepted the presentation.

Japanese language has been offered for graduate and selected undergraduate students for the past three years by the Department of History. Chinese language is also offered. The Department has initiated the teaching of oriental languages especially for students desiring to specialize in the Asian field because facilities do not as yet exist elsewhere in the University.

THE EVENING MBA PROGRAM

There is nothing unusual about the setting—a typical classroom with chairs, tables, and a sign on the door to tell Marketing 253 students to go to CAB Room 462.

What is unusual, however, is the odd assortment of credentials and employment experience of the students in the classroom. Among them are: a dairy production specialist, a housewife, a medical staff officer, an engineer, a poultry specialist, a vocation counsellor, the manager of a large company, and a government official.

Their common bond in the classroom is that they are all enrolled in the new Executive Evening MBA (Master of Business Administration) program at the University.

The program, initiated this fall, is designed to allow working executives to continue their education on a part-time basis. Ordinarily, an MBA degree requires two years of full-time study. The University program enables those enrolled to take all of the first-year courses at evening classes. The first-year courses are the same as those taken by full-time students and may be spread over a four-year period. The second-year courses must then be taken in full-time attendance at the University. Since all of the courses in the program are half-term courses, students may take two years to complete their second-year studies.

Staff members in the Faculty of Business Administration and Commerce worked together to establish the program, because "The need for competent and creative private and public leadership grows as we move into Canada's second century. Even though formal education does not guarantee the emergence of leadership skills, it has become a requirement for their full development."

In a booklet prepared to advertise the program, they further state that "If formal education is to contribute fully to the optimal development of Canada's leadership potential, its programs must meet the demands of the current and future industrial system.

"Our society could be characterized by the explosion of scientific knowledge, constant change, rapid obsolescence of human skills, and the interdependence of nation states. Therefore, a major challenge to the Faculty of Business Administration (and Commerce) at The University of Alberta is to offer programs which minimize the risk of managerial obsolescence.

"The Executive MBA program has been designed for practicing professional managers in an attempt to forestall human obsolescence."

A major objective of the program, says one

of the professors in the faculty, "is to develop managerial skills and decision-making competence that will enable managers to operate in all types of Canadian organizations, non-profit-making as well as business. Along with managers of private firms, we visualize many managers who work in hospitals, schools, government agencies, labor unions, and the armed forces, entering our program. The exchange of ideas from such a diverse managerial group should increase the viability of the program."

He says 55 students are enrolled in this year's program. Twenty-four of them hold engineering degrees, and 11 hold degrees in science. The others are: arts, 8; commerce, 5; chartered accountant, 4; and architecture, education, and MD, 1 each.

Twenty-five of the students work for the provincial government and 24 are from private business. There are four from city government, one from the federal government, and one who is not employed.

If the program continues as successfully as it has started, another 50 students are expected to enrol in the session beginning next fall.

BOOKS

Man, Science, Technology: an Educational Program by HENRY R. ZIEL, Professor of Industrial Arts and Vocational Education, has been printed privately and is available from the Bookstore for \$6.95. The book describes a detailed outline of a program in industrial education.

To all members of the faculty and staff

On behalf of the Red Cross, the Family Service Association, and all of the forty-nine agencies supported by the United Community Fund, we should like to thank you for your cheques and your pledges in support of the 1971 Campaign. As of Wednesday, November 16, a total of 420 of the academic staff and 259 of the non-academic staff had contributed through the University, and a total of \$42,707.27 had been subscribed. We know some of you had contributed in other ways, and we wish to include these in our thanks as well.

Wherever the contribution was made we hope that it was based on fair-share giving with a gift for each of the agencies you wish to support included in your contribution.

WALTER H. JOHNS
Chairman, Education Division
MURRAY S. COOKE
Vice-Chairman, Education Division

FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON 7, ALBERTA

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William Samis, Editor

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Institutional Research projects

The projects listed below are now under way in the Office of Institutional Research and Planning. They are summarized here for the information of readers, similar summaries being published at intervals. The last one appeared September 23.

Inquiries should be directed to the project officer listed for each project (to the name with the asterisk where there are several names) at the Office of Institutional Research and Planning, 111 University Hall, telephone 432-5295.

I. STUDENT RELATED PROJECTS

<i>Description</i>	<i>User</i>	<i>Project officers</i>
COMMUTING SURVEY	W. D. Neal	W. J. Williamson*
Survey of student and staff travel methods and times to and from campus. Implication for space and long range planning.	Wm. A. Preshing	D. J. Otto
(i) University transportation trends		J. Brunt
(ii) Commuting student and campus facilities		K. Coull
(a) Physical aspects		
(b) Behavioral aspects		

II. STAFF RELATED PROJECTS

<i>Description</i>	<i>User</i>	<i>Project officers</i>
COMMITTEE TO INVESTIGATE TEACHING	Committee to Investigate Teaching	D. J. Otto*
(i) Questionnaire to faculty, students, etc.		D. English
(ii) Experimental educational environment—data collection		J. Brunt
(iii) Student withdrawals (in conjunction with Student Counselling)		
(iv) Introductory Psychology, Study of 1970-1971		
(v) Analysis of Student <i>Course Guide</i> Data		
(vi) Study of the Pass/Fail system		
(vii) Compiling bibliographic information on teaching and learning.		

III. COURSE RELATED PROJECTS

<i>Description</i>	<i>User</i>	<i>Project officers</i>
HISTORICAL DATA	General Administration	H. Gahr
Course registration: background data, etc.		
DEPARTMENTAL STATISTICS 1971-72	Institutional Research and Planning	H. Gahr
Course loads; full-time equivalent, etc.		
WEEKLY STUDENT HOURS WEEKLY CONTACT HOURS	Institutional Research and Planning	H. Gahr
Compilation and distribution.	Universities Commission	
AUTOMATION OF REPORT PROCEDURES	Vice-Presidents	A. Paige*
Conversion of weekly student hours—weekly contact hours to machine recording.		P. E. Haney
INTERPROVINCIAL COMMITTEE ON UNIVERSITY RATIONALISM	Universities Commission	H. Gahr
DROP OUT STUDY	Registrar's Office	J. Brunt
Analysis of drop-out data—Phase I.	Student Counselling	
RETENTION RATES	General Administration	K. Coull*
Analysis of 1970-71 promotion, transfer, and withdrawal rates at faculty level. Projection of future rates from historical data.		P. E. Haney

THE OPEN UNIVERSITY

Preliminary analysis of data on the open University and related concepts.

Institutional Research and Planning S. Batt

INTERDISCIPLINARY STUDIES

A preliminary study designed to describe undergraduate interdisciplinary activities at The University of Alberta.

Academic Development Committee S. Batt

STUDENT FLOW STUDY

Preliminary investigation of students' choices to attend/not attend University.

Institutional Research and Planning P. E. Haney

IV. FACILITIES RELATED PROJECTS

<i>Description</i>	<i>User</i>	<i>Project officers</i>
SPACE INVENTORY AND UTILIZATION ANALYSIS	Universities Commission, Internal, General, etc.	G. Fester*
(i) Report programming—updating and analysis of use		G. Fester*
(ii) Teaching space utilization—updating and analysis		A. Paige
(iii) Office and research space utilization—updating and analysis		G. Fester
(iv) Perpetual inventory update		W. A. Hansen*
		I. Olynky
		C. Sidhu
		P. E. Haney*
		G. Fester
(v) Space Projections	W. D. Neal	
	Universities Commission	
PROJECT PLANNING	Campus Development	W. J. Williamson
(i) Revised detailed programs to Schematic Design Phase I:	University Planning and Faculty Building Committees	
(a) Commerce 1		
(ii) Schematic Design Phase I to Design Development Phase II:		
(a) Agriculture 2-1		
(b) Household Economics 2-1		
LIBRARY TECHNICAL SERVICES AUTOMATION PROGRAM (TSAP)	Library	D. J. Otto
Preliminary Study.		
SPACE MANAGEMENT	W. D. Neal	W. A. Hansen
(i) Management and allocation of space		
(ii) Proposed use of Medical Sciences Building		
(iii) Proposed use of Athabasca Hall		
FORMULA SPACE STUDY	President's Office	P. E. Haney*
Analysis and updating of formula space indices and methods.		G. Fester
LONG-RANGE STUDENT HOUSING NEEDS	W. A. Preshing	G. Zaharia
Analysis of demand—quantitative and qualitative.		

V. FINANCE RELATED PROJECTS

<i>Description</i>	<i>User</i>	<i>Project officers</i>
THE UNIVERSITY OF ALBERTA COST STUDY 1970-1971	D. G. Tyndall	D. Wener
(i) Analysis of The University of Alberta Cost Study 1970-71.		
(ii) Preliminary groundwork of The University of Alberta Cost Study 1971-72.		
BUDGET RATIOS	D. G. Tyndall	D. J. Otto
Computed ratios for three years such as average weekly contact hours per full-time faculty member, average weekly student hours per full-time faculty member, average weighted weekly student hours per full-time faculty member, etc., department by department and faculty by faculty.		

(Continued on page four)

LIBRARY ALLOCATION STUDY

Developing a mathematical formula to allocate book funds to teaching departments.

Library Committee
General Faculty

D. English*
D. J. Otto

**THE UNIVERSITY OF ALBERTA
STATISTICAL HISTORY**

Background and historical data.

General
Administration

H. Gahr

VI. SYSTEMS RELATED PROJECTS*Description**User**Project officers***UNIVERSITY INFORMATION SYSTEM**

Review of proposed internal and external data element definitions. Familiarization with WICHE material.

General
Administration

K. Coull

BUSINESS ADMINISTRATION MODEL

Cost benefit analysis of change in graduate-undergraduate mix.

Faculty of Business
Administration and
General Model

G. Fester

YEAR ROUND OPERATION

Analysis of studies and literature on subject area.

W. D. Neal
W. A. Presling

D. English*
G. Fester

HISTORIES TO BE COMMISSIONED

As part of a new multicultural policy for Canada, the Department of the Secretary of State will commission the writing of histories of 20 ethnic groups in Canada.

The Department is "interested in securing people who can write first-rate scholarly works without losing the intense human interest side of the story of immigration, settlement, and the struggle of minorities for cultural survival."

The new program will proceed in two stages. The first will involve the research and writing of a basic work on the history of the ethnic group concerned. The second will be the allocation of funds for the editing, writing, translation, and illustration of bilingual versions of the completed histories, to be published by the government.

The precise amount of money for each grant has not yet been approved. Individual grants will depend to some extent on the amount of research that remains to be done, since research into the histories of some ethnic groups already is under way.

HOWARD PALMER of the Citizenship Branch of the Department of the Secretary of State, says in a letter circulated to Canadian universities, "We are well aware that an ethnic history requires an inter-disciplinary approach, so applications are solicited from teams of researchers or collaborators, as well as individuals."

Inquiries should be directed to Mr. Palmer at the Citizenship Branch; Department of the Secretary of State; Room 1034; Ottawa, Ontario K1A 0M5.

VISITORS

The Boreal Institute for Northern Studies and the Department of Geography, sponsored a seminar by LOUIS-EDMOND HAMELIN, Director of the Centre d'Etudes Nordiques and Professor of Geography, Laval University, on the "Nordic Index" system. This system was evolved by Dr. Hamelin as a means of classifying northern locations on a comparative basis.

PEOPLE

■ J. A. JACOBS, Director of the Institute of Earth and Planetary Physics and Killam Memorial Professor of Science, and D. I. GOUGH, Associate Director of IEPP and Professor of Physics, chaired seminars at a recent meeting on "Seismology for the Seventies" held by the Associate Committee of Geodesy and Geophysics in Ottawa. F. R. KANASLWICH, Professor of Physics, and C. H. CHAPMAN, Assistant Professor of Physics, who was a member of the organizing committee for the symposium, also contributed to sessions on Earth Dynamics, Whole Earth Structure, New Surface Structure, and Social Aspects of Seismology.

■ The Ottawa Branch of the Alumni Association of The University of Alberta has awarded a bursary of \$100 to HOWARD J. PARSONS, a second-year student in the course leading to the degree of Bachelor of Commerce.

■ G. DAVID ZINK, Assistant Professor of Rehabilitation Medicine, recently presented a paper to the 1971 Annual Convention of the American Speech and Hearing Association in Chicago.

■ W. RUNQUIST, Professor of Psychology, presented a colloquium for the Department of Psychology at the University of British Columbia.

■ A survey entitled "Recommended guidelines for the development of the Parkland Regional Library" has been completed by HARRY E. NEWSOM and JOHN G. WRIGHT of the School of Library Science.

■ MOHAMMED ALI ADAM, Vice-President, External, of the Graduate Students' Association, and a graduate student in the Faculty of Law, was elected by the Council of the Graduate Students' Association as their nominee on the Board of Governors of The University of Alberta. Mr. Adam is a graduate of the University of Oxford, and a member of the English Bar.

■ GARY WHYSONG, Research Associate at the Boreal Institute for Northern Studies, recently represented the Institute at the West Coast Population Biologist Workshop Conference, which was held at the University of Washington in Seattle.

CORRECTION

It is regretted that in FORIO for November 20, 1971, reference is made to "the late R. B. Sandin." Professor Emeritus of Chemistry, Dr. Sandin is quite alive, lives in Edmonton, and is frequently at the University.

NOTICES**UNIVERSITY NEW YEAR'S EVE PARTY**

The University of Alberta's New Year's Eve Party, which everybody is welcome to attend, will be held from 9 p.m. to 2 a.m. at Lister Hall. The music will be provided by TONY THOMPSON and his band, and there will be a hot and cold buffet. The tickets, at \$15 per couple, are available only from the main office of Lister Hall, Monday to Friday, between 8 a.m. and midnight.

OMBUDSMAN

The office of the Ombudsman has been moved to Rooms 311 and 315 Central Academic Building. The telephone number remains the same, 432-4725.

TOMMY BANKS SHOW

The Tommy Banks Show will be televised from the Students' Union Theatre again this year. Tickets are free and may be obtained from the Information Desk in SUB. The telerecording dates are December 8, 9, 10, 11, 13, 14, 15, 16, 17, 20, and 21.

FACULTY WOMEN'S CLUB

The Faculty Women's Club offers fellowship to female members of the faculty and to wives of members of the faculty. There are still some openings in their 18 interest groups. For further information call LOIS NEWSHAM at 434-5206.

NEW STUDIO THEATRE PRODUCTION

Studio Theatre is presenting *The Ticket of Leave Man* by Tom Taylor, commencing Thursday, December 9 at 8:30 p.m., with evening performances until Saturday, December 18, excluding Sunday night, December 11. Saturday matinee performances will be given at 2:30 p.m. The box office opens Thursday, December 2 in the Lobby of the Theatre, Corbett Hall, telephone 433-3265.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.

3 DECEMBER, FRIDAY

Faculty Club

Downstairs. Regular TGIF, with dance music. *Upstairs.* Gourmet Special. Oysters Mignonnette, Curry Endive, Beef Tenderloin Shastick Flambé, Wild Rice, Bavarois au Rhum. \$13 for two. Also regular menu. Dinner 6 to 9 p.m.

Student Cinema

6:30 and 9 p.m. *Two Mules for Sister Sara* with SHIRLEY MC LAINE and CLINT EASTWOOD. Students' Union Theatre. Admission 75 cents, students 50 cents.

Basketball

8 p.m. Golden Bears vs. The University of Lethbridge Chinooks. Main Gymnasium.

Hockey

8 p.m. Golden Bears vs. the University of Saskatchewan Huskies. Varsity Arena.

Recital

8:30 p.m. CHERYL MELOTT and CLAUDE KENNESON, violoncellists, and BRIAN HARRIS, harpsichordist. Convocation Hall. Admission free.

French Play

and 4 December. 8:30 p.m. Le Théâtre Français d'Edmonton presents *Les Rosenberg ne doivent pas mourir* by ALAIN DECAUX. Collège Saint-Jean auditorium (8406-91 Street). Adults \$2, students \$1.50. For reservations telephone 439-0425.

4 DECEMBER, SATURDAY

Volleyball

10 a.m. The University of Alberta Invitational. Main Gymnasium.

Saturday Forum

10 a.m. P. J. CAHILL, Chairman of the Department of Religious Studies, will continue discussion on the topic "Man and animal: some reflections on Biblical differentiations." Biological Sciences Centre, Room CW410-422.

Wrestling

2 p.m. Golden Bears vs. The University of Calgary. Main Gymnasium.

Hockey

2 p.m. Golden Bears vs. the University of Winnipeg Wesmen. Varsity Arena.

Swimming

2 p.m. Golden Bear Relays. Varsity Pool.

Faculty Club

Upstairs. Gourmet Special. Oysters Mignonnette, Curry Endive, Beef Tenderloin Shastick Flambé, Wild Rice, Bavarois au Rhum. \$13 for two. Also regular menu. Dinner 6 to 9 p.m. Dancing afterwards.

There will be no casual dining in the Saskatchewan Room during the month of December.

Basketball

8 p.m. Golden Bears vs. The University of Lethbridge Chinooks. Main Gymnasium.

Concert of Indian Music

8 p.m. A concert in vocal classical music of India by MISS PRABHA ATRI, visiting artiste from India. Sponsored by the Hindu Society, the India Society, and the India Students' Association. Convocation Hall. Admission \$2 per person.

5 DECEMBER, SUNDAY

Concert

3 p.m. The University of Alberta Concert Band conducted by JOHN HITS, Associate Professor of Music, will present its annual Christmas program. SUB Theatre. Adults \$1, children 50 cents. Tickets available from band members and at the door.

Carol Service

4:30 p.m. Advent procession with carols by candlelight. All Saints' Cathedral.

Student Cinema

6:30 and 9 p.m. *Start the Revolution Without Me*. SUB Theatre. Admission 75 cents. Students 50 cents.

Forum

8 p.m. "The psychological bases of religious needs" by JOHN MITCHELL, Assistant Professor of Educational Psychology. Sponsored by The University of Alberta Chaplains' Association. St. Joseph's College.

Concert—"Two-Three-Four" Series

8:30 p.m. Second concert in the Department of Music's "Two-Three-Four" Series, with members of The University of Alberta String Quartet (LAWRENCE FISHER, violin, MICHAEL BOWIE, viola, and CLAUDE KENNESON, violoncello). The guest artist for this program will be DAYNA FISHER, oboist. Music by Hindemith, Beethoven and Mozart. Convocation Hall. Admission free.

6 DECEMBER, MONDAY

Lecture Series 'The World of Beowulf'

4 p.m. I. "Heroes and hero worship. An introduction to *Beowulf*" by R. J. S. GRANT, Assistant Professor of English. Sponsored by the Graduate Students of English Association. Students' Union Building, Room 104.

SUB Arts and Crafts Centre

8:30 a.m. Opening of registrations for the spring 1972 program of classes. Students' Union Building, Room 302. For further information, telephone JANET A. MOORE, Supervisor of Arts and Crafts, 432-4547.

7 DECEMBER, TUESDAY

Biomedical Engineering Seminar

3 p.m. "Modelling and optimal control of epidemics" by N. GUPTA of the Department of

Electrical Engineering. Civil and Electrical Engineering Building, Room 436.

Edward Herbert Boomer Memorial Lectures

4 p.m. "Reactivity of co-ordinated organic groups—I. General principles" by JACK LEWIS, Professor of Inorganic Chemistry, Cambridge University. Sponsored by the Department of Chemistry, Physics and Chemistry Buildings V-wing, Room 107.

Christmas Concert

8:15 p.m. Department of Music's Collegium Musicum, and St. Cecilia Chamber Orchestra, the Columbian Girls' Choir, and the choir of St. Joseph's Cathedral. J. S. Bach's "Sleepers Wake," will be performed, as well as other Christmas music. St. Joseph's Cathedral. Admission \$1 for adults, children free.

8 DECEMBER, WEDNESDAY

Edward Herbert Boomer Memorial Lectures

11 a.m. "Reactivity of co-ordinated organic groups—II. Non-conjugated dienes." 4 p.m. "Reactivity of co-ordinated organic groups—III. Conjugated dienes." Both lectures by JACK LEWIS, Professor of Inorganic Chemistry at Cambridge University. Physics and Chemistry Buildings, V-wing, Room V-107.

Lecture Series 'The World of Beowulf'

4 p.m. II. "Monsters and monstrosity: in *Beowulf* and Norse parallels" by R. J. S. GRANT, Assistant Professor of English. Students' Union Building, Room 104.

9 DECEMBER, THURSDAY

Open Seminar Series

4 p.m. "Henry IV—'Grand Pipeur' of France?: the passion for gambling at the Court of France during the first decade of the Seventeenth Century. A controversial look at the Pimantel Affair of 1608" by MICHEL BARLEAU, Assistant Professor of Romance Languages. Sponsored by the Department of Romance Languages. Physics Building, V-wing, Room V114.

Edward Herbert Boomer Memorial Lectures

4 p.m. "Magnetic properties of transition metal complexes—I." by JACK LEWIS. Physics and Chemistry Buildings, V-wing, Room V-107.

Studio Theatre

8:30 p.m. *The Ticket of Leave Man* by Tom Taylor. See "Notices" on page 4 for details of performances.

10 DECEMBER, FRIDAY

Edward Herbert Boomer Memorial Lectures

11 a.m. "Magnetic properties of transition metal complexes—II." by JACK LEWIS. Physics and Chemistry Buildings, V-wing, Room V-107.

Faculty Club

Downstairs. Club Christmas Party. Turkey, goose, steamed pudding. Music by EDNA

FARNELL and the In Crowd. \$3 per person. *Upstairs*. Gourmet Special. Baked Pink Grapefruit, Roast Goose, Viennese Salad, Mincemeat Flan. \$13 for two. Also regular menu. Dance music. Dinner served 6 to 9 p.m.

Oratorio

8 p.m. "The Messiah" by George Frederick Handel, presented by the Richard Eaton Singers, conducted by SANDRA MUNN, concert master BRODERICK OLSON. All Saints' Cathedral, 10035 103 Street. Admission \$3. (Students will be admitted to the dress rehearsal on Wednesday, 8 December for \$1.)

Lecture Series 'The World of Beowulf'

4 p.m. III. "Lif is Laene. The final message of an heroic elegy" by R. J. S. GRANT, Assistant Professor of English. Students' Union Building, Room 104.

Concert

8:30 p.m. The St. Cecilia Chamber Orchestra of the Department of Music, conducted by MICHAEL BOWIE, Assistant Professor of Music. The second of four Friday evening concerts. Convocation Hall. Admission free.

11 DECEMBER, SATURDAY

Faculty Club

Upstairs. Gourmet Special. Baked Pink Grapefruit, Roast Goose, Viennese Salad. Mincemeat Flan. \$13 for two. Also regular menu. Dinner served 6 to 9 p.m. Dancing afterwards.

Edmonton Symphony Orchestra

8:30 p.m. *And 12 December at 3 p.m.* DAVID ATHERTON, conductor. Program includes "Entry of the Queen of Sheba" by Handel, Serenade in A by Brahms, "Ramifications" by Ligetti, and Symphony Number 1 in C by Beethoven. Jubilee Auditorium.

12 DECEMBER, SUNDAY

Christmas Concert

3 p.m. DAVID STOCKER, Assistant Professor of Music, is co-ordinator of this annual event at which there will be carol singing and performances by assorted vocal and instrumental ensembles. Convocation Hall. Admission is free and everyone is invited to attend.

National Film Theatre

7:30 p.m. *Citizen Kane* directed by ORSON WELLES, with ORSON WELLES, JOSEPH COTTON and EVERETT SLOANE. English dialogue. Edmonton Art Gallery. Members only. Memberships available at the door; \$2 on evening of joining, 75 cents every film attended thereafter.

13 DECEMBER, MONDAY

Public Lecture

8 p.m. "Max Müller on India" by R. K. DASGUPTA, Distinguished Visiting Professor,

Tagor Professor of Bengali. Sponsored by the Department of Comparative Literature. Henry Marshall Tory Building. Room TB 45.

14 DECEMBER, TUESDAY

Biomedical Engineering Lecture

4 p.m. "Microscopy of living objects" by GUNTER SCHMIDT-WEINMAR, Associate Professor of Electrical Engineering. Biological Sciences Centre, Genetics Wing, Room 208.

SUB Arts and Crafts Centre

12 noon. Sale of pottery. Outside SUB Art Gallery.

Boreal Circle

8 p.m. "Winter experiences with muskoxen on Bathurst Island, Northwest Territories" by DAVID R. GRAY, graduate student in the Department of Zoology. Biological Sciences Centre, Centre Wing, Room 410.

15 DECEMBER, WEDNESDAY

Edmonton Chamber Music Society

8:30 p.m. The Purcell String Quartet. Quartet in D Minor, K.421 by Mozart; Quartet by Murray Schafer; Quartet in F, Opus 96 ("American") by Dvorak. Convocation Hall. Members only. Memberships for this and the remaining three concerts in the series at the door.

17 DECEMBER, FRIDAY

Faculty Club

Downstairs. TGIF—Baron of Beef. \$2.50 per person. Music by Sound Investment. *Upstairs*. Gourmet Special. Lobster night. \$7.50 per person. Also regular menu. Dinner 6 to 9 p.m.

18 DECEMBER, SATURDAY

Basketball

8 p.m. Golden Bears vs. Northern Montana College. Main gymnasium.

EXHIBITIONS

SUB Art Gallery

Until 17 December. "Four from London" (University of Saskatchewan Art Gallery). *Until 17 December*. "Students' Union Arts Staff Exhibit."

Tropical Displayhouse

The following plants are in flower: the lipstick plant (*Aeschynanthus*); the bird of paradise (*Strelitzia*); the orchid (*Cattleya*) and the jungle geranium (*Ixora*).

POSITIONS VACANT

NON-ACADEMIC STAFF

Applicants are sought for the following positions. The Personnel Office (Room 121, Administration Building) will provide further details to interested

persons, who are asked not to approach the departments directly.

Clerk (\$274-\$350)—Education—Student Records Clerk Typist II (\$317-\$405)—Comptroller's Office Clerk Steno III (\$386-\$491)—Dentistry Student Record Processing Clerk (\$386-\$491)—Business Administration and Commerce Library Assistant I (\$386-\$491)—Music Bacteriology Technologist I (\$491-\$627) and II (\$569-\$726)—Medical Bacteriology Electron Microscope Technician (Open)—Anatomy

PERSONAL NOTICES

Notices must be received by 9 a.m. the Friday prior to publication. Rate is seven cents per word for the first insertion and five cents per word for subsequent insertions ordered with the first. Minimum charge is \$1. To avoid billing, notices MUST BE PAID IN ADVANCE. For assistance or order blanks, telephone Mrs. Adrienne Lent, 432-4991.

Accommodation available

FOR RENT—Three-bedroom furnished or partly furnished house close University. June, 1972, one year. 433-1636 evenings.
FOR RENT—Three-bedroom house fully furnished, Lendrum Place; available late December to end of August, 1972. 434-3752 or 432-4636.
FOR RENT—Charming old home on farm two miles from Southgate Shopping Center. Comfortable for two or three people. Available December 20. 432-5367, 399-5349.
FOR SALE—Laurier Heights home and contents. Three bedrooms, L-shaped living-dining-room, recreation room. 488-9145.
FOR RENT—Quiet country apartment, three large rooms (one with fireplace), kitchen, bathroom, separate entrance, 10 minutes from University. Available January 1. Phone 452-4758 or write P.K., 829 Centennial Building.

Accommodation Wanted

WANTED—Housekeeping room, University area. Prefer not to share. 432-6618.
NEEDED—Four-bedroom furnished house by Visiting Professor, to rent for second semester. 439-3543 or 432-5726. Willett.

Goods and services

FOR SALE—Three rooms furniture, good condition; crib, mattress, TV. 432-3428 or residence 439-8142.
FOR SALE—Used bedroom, living room and kitchen furniture. Good condition. 466-7588 after 5 p.m.
FOR SALE—Kerry Blue Terrier puppies. Lovely to look at, delightful to own, intelligent, full of love and Irish blarney. No shedding, no doggy odor. Show quality. Top American sire. Ready for Christmas. 432-8525.
FOR SALE—Foreign handicrafts, best offers. Evenings 5 to 7, 432-7894.
FOR SALE—Australian black opals. Ideal Christmas gifts. 433-0639.
FOR SALE—Head skis, 190cm Masters and 205cm GS, both c/w Look bindings. Contact Mrs. Wilson, 432-6242, 439-3148.
FOR SALE—Three-positional recliner with heater vibrator. Phone 439-7473.
DRESSMAKING AND ALTERATIONS—by experienced seamstress. Telephone 433-2351.
FOR SALE—Purebred German Shepherd puppies. 599-4845 evenings and weekends.
FOR SALE—Ping-pong table, girl's bicycle, assorted games, etc.. 488-9145.
FOR SALE—Saint Bernard puppies, born October 27. \$150-\$250 each. Phone 699-2098, 7 to 9 p.m., Monday through Friday.